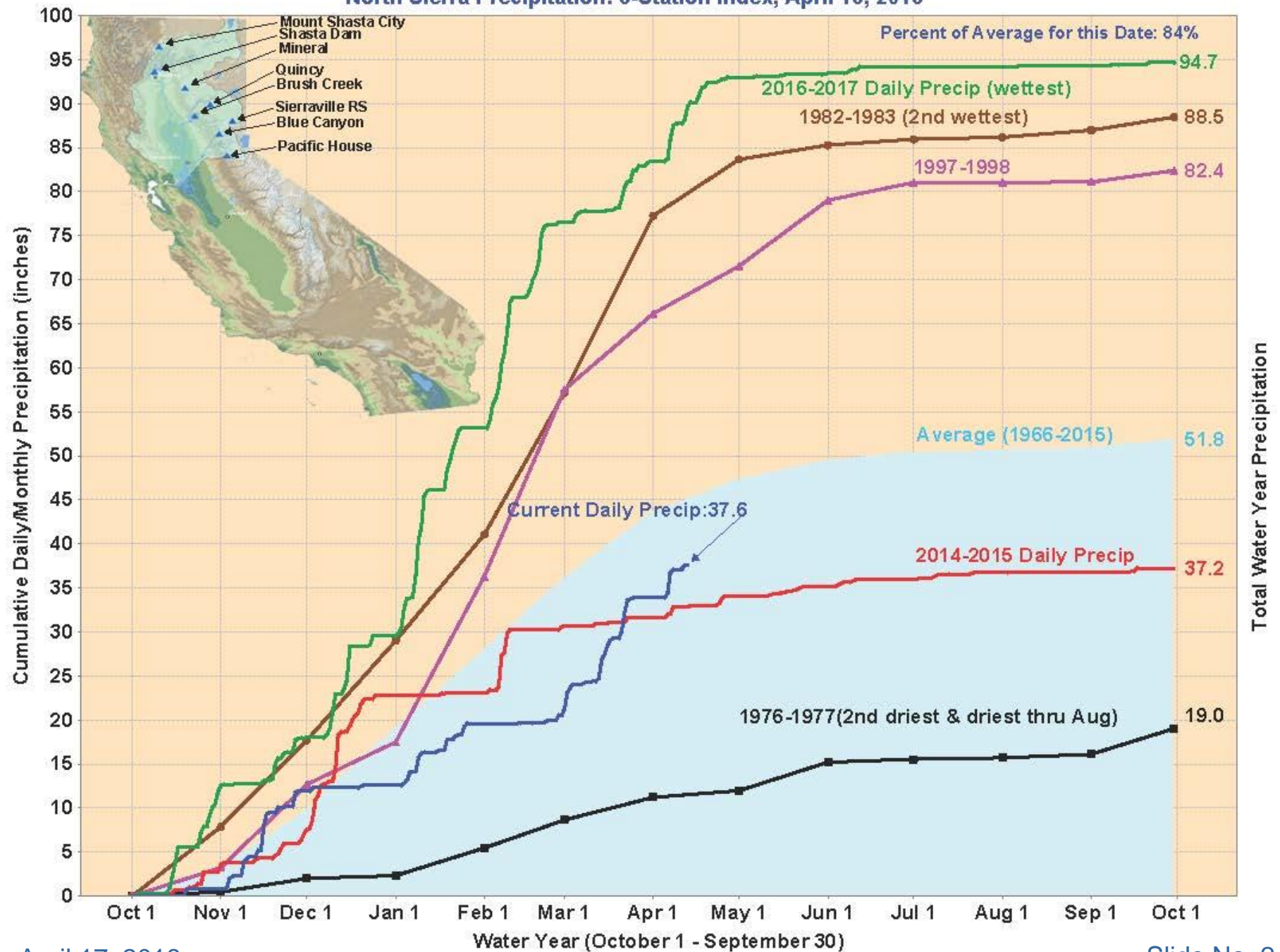


HYDROLOGY UPDATE FOR THE BAY-DELTA WATERSHED



APRIL 17, 2018 – ITEM #5

North Sierra Precipitation: 8-Station Index, April 13, 2018



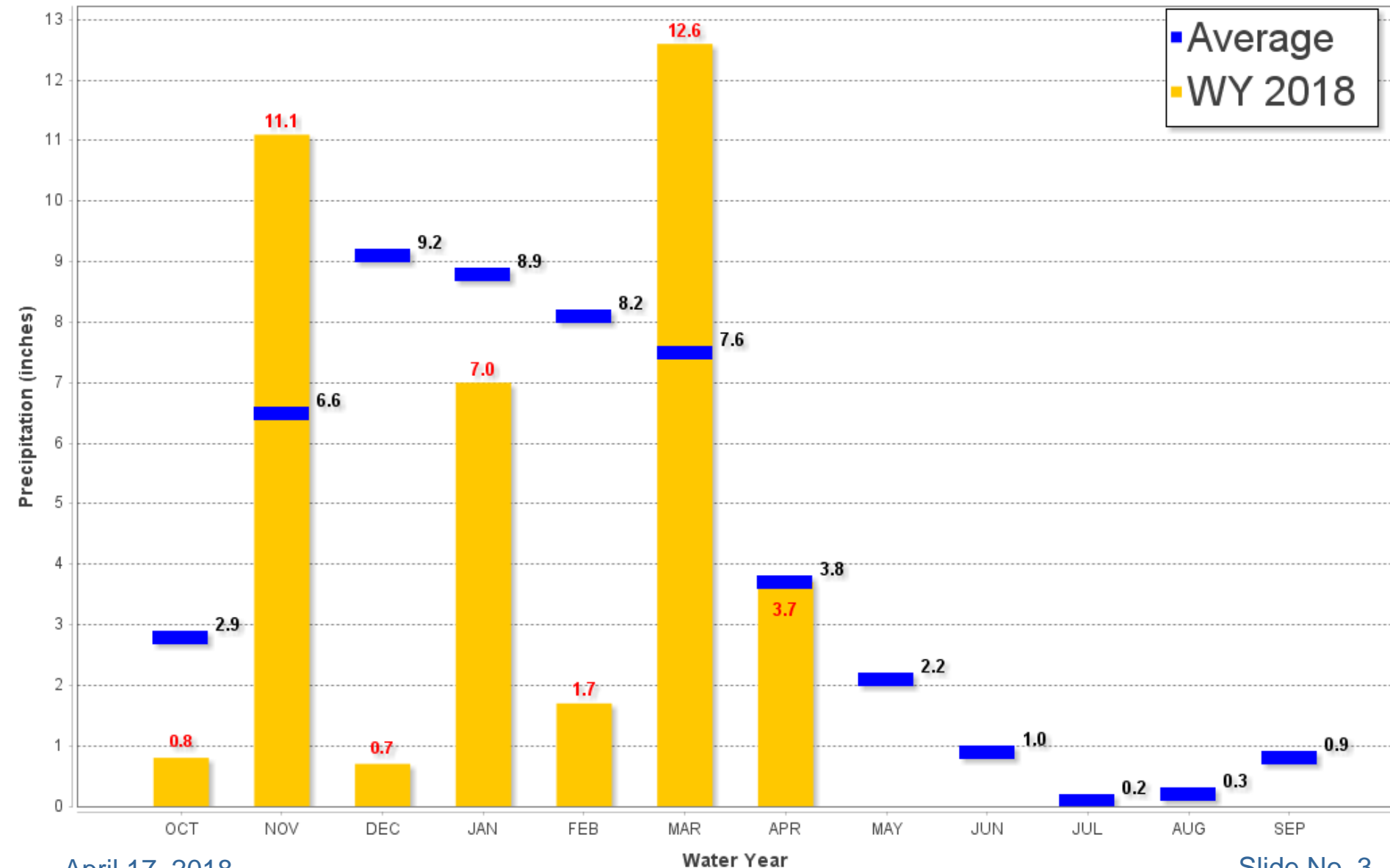


Northern Sierra 8-Station

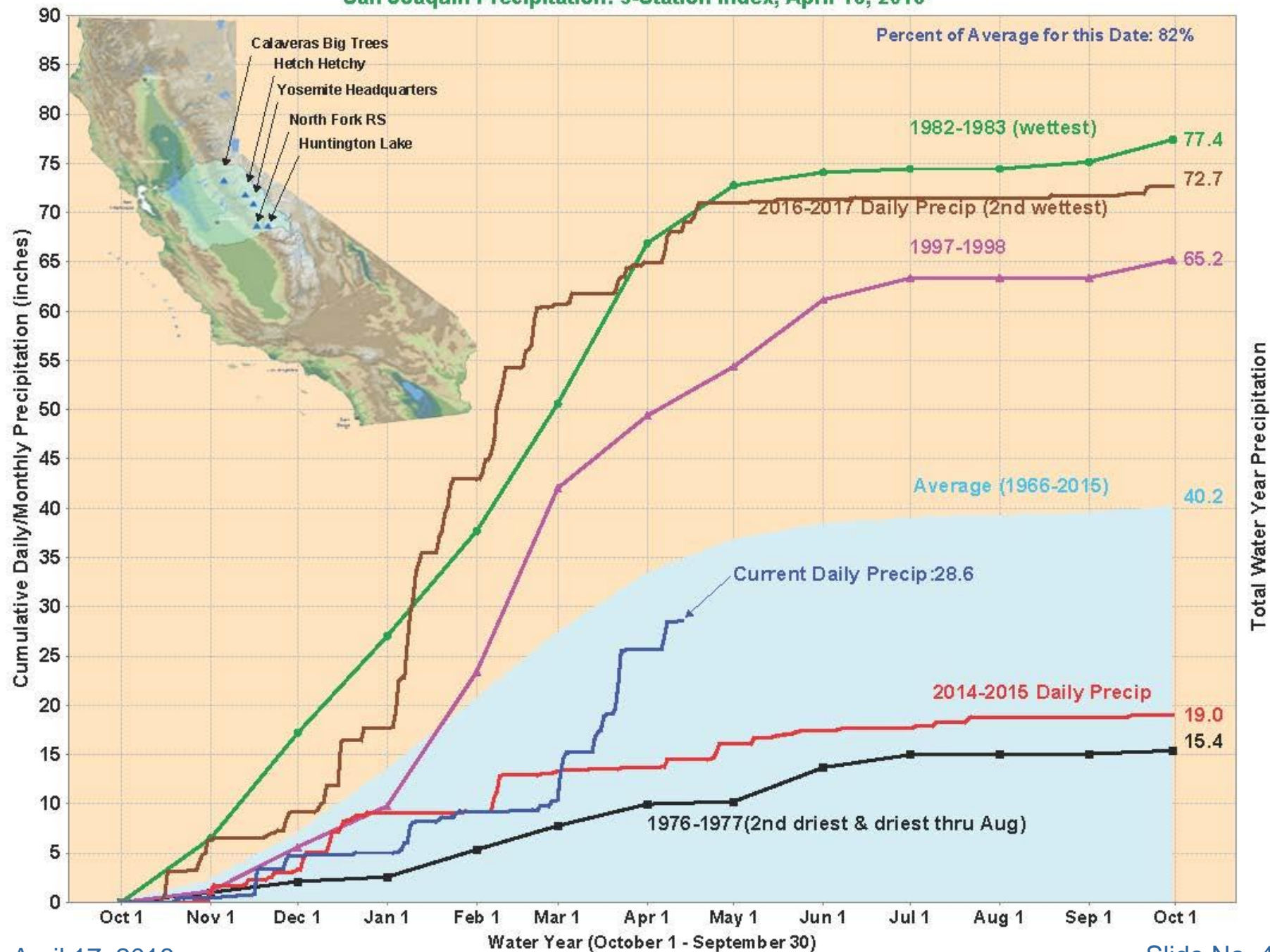
Precipitation Index for Water Year 2018 - Updated on April 13, 2018 12:45 PM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



San Joaquin Precipitation: 5-Station Index, April 13, 2018



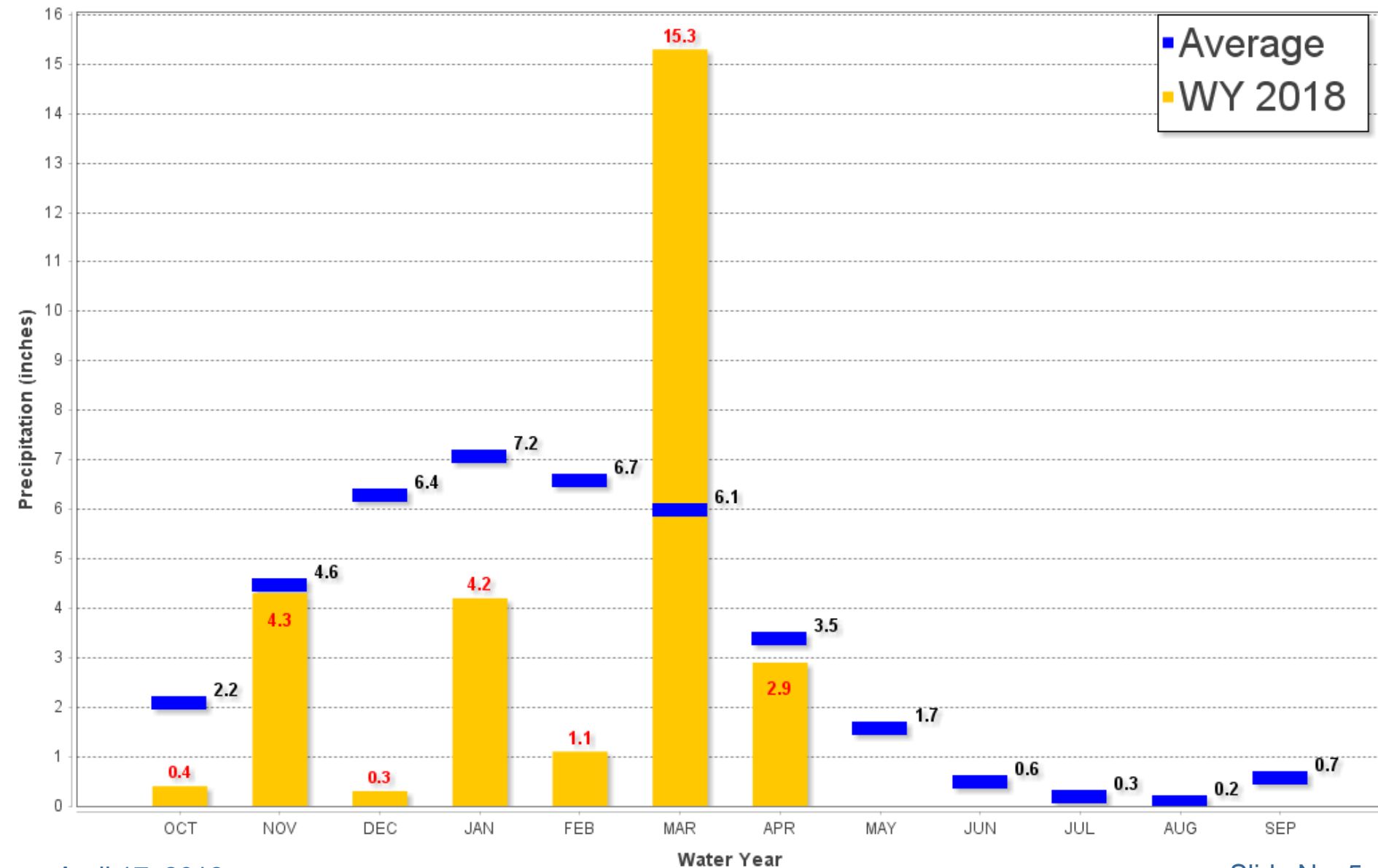


San Joaquin 5-Station

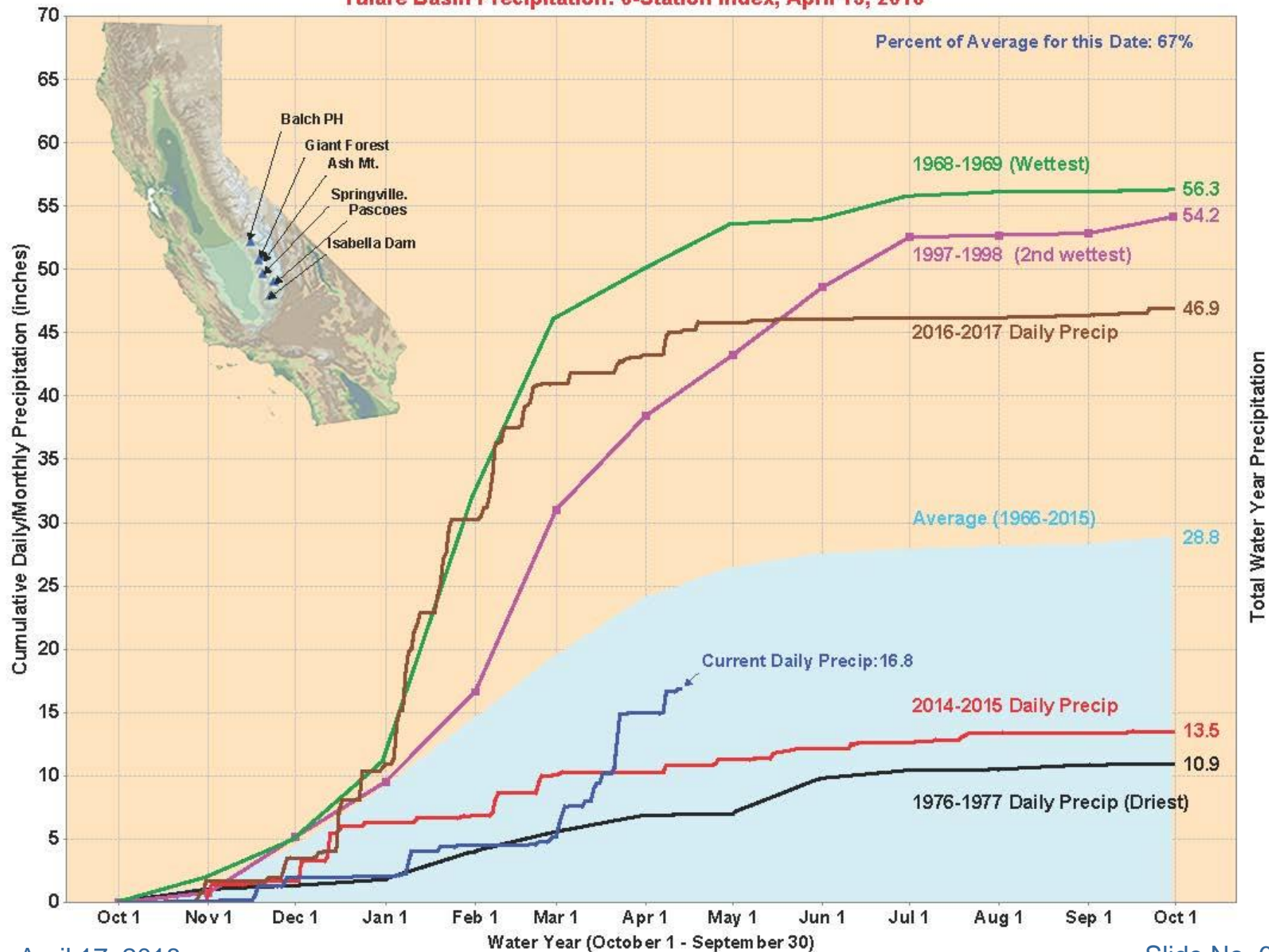
Precipitation Index for Water Year 2018 - Updated on April 13, 2018 12:45 PM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Tulare Basin Precipitation: 6-Station Index, April 13, 2018



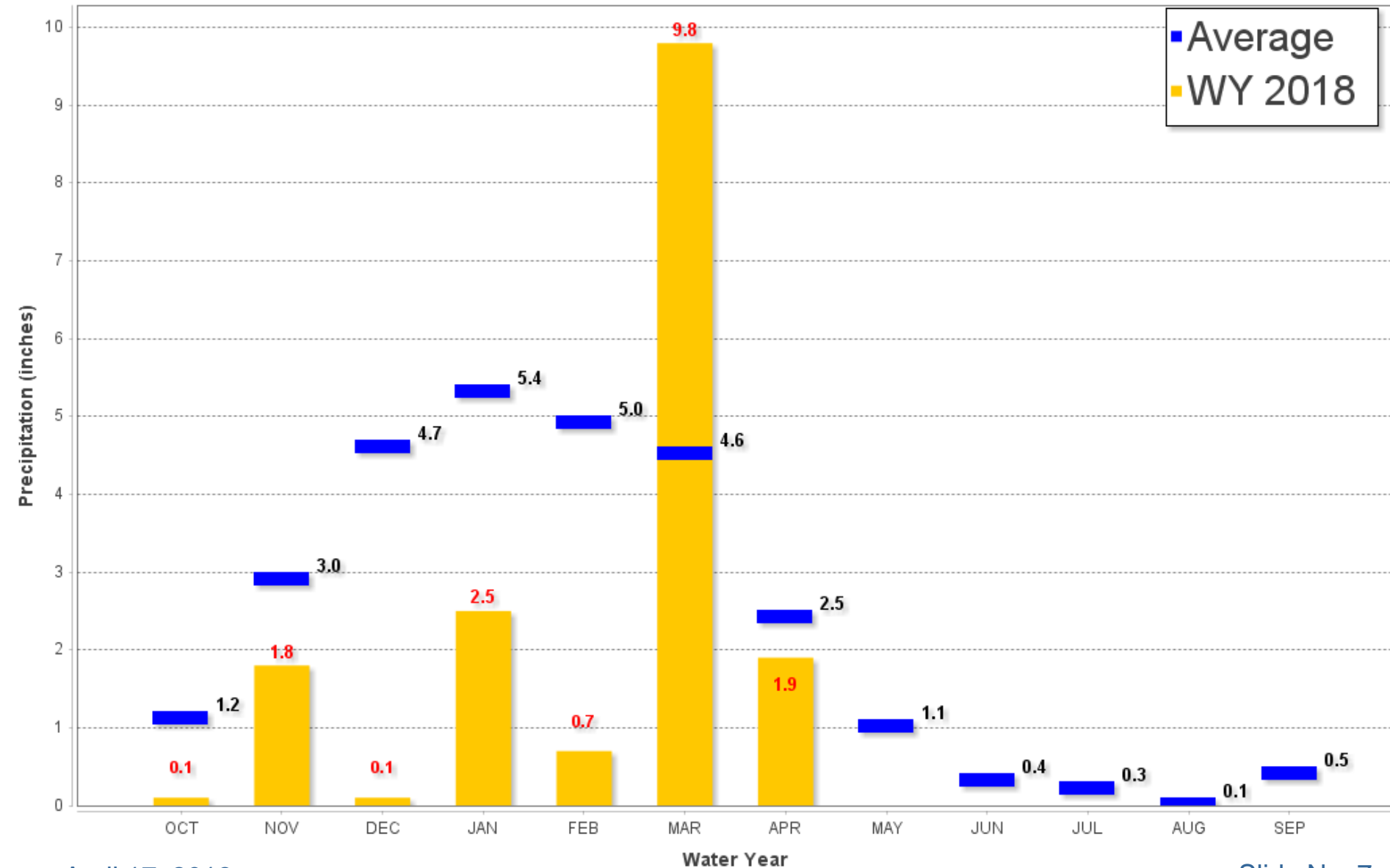


Tulare Basin 6-Station

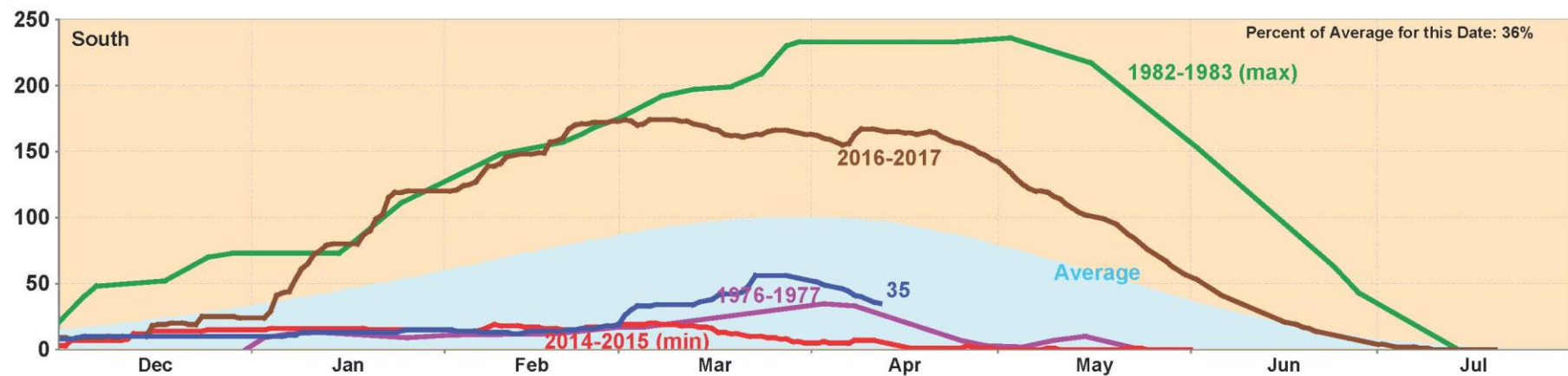
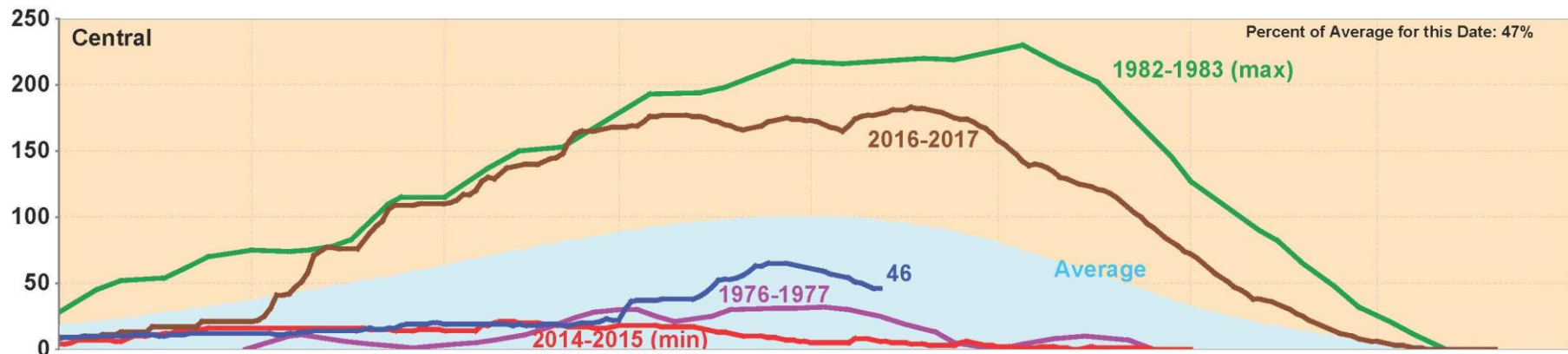
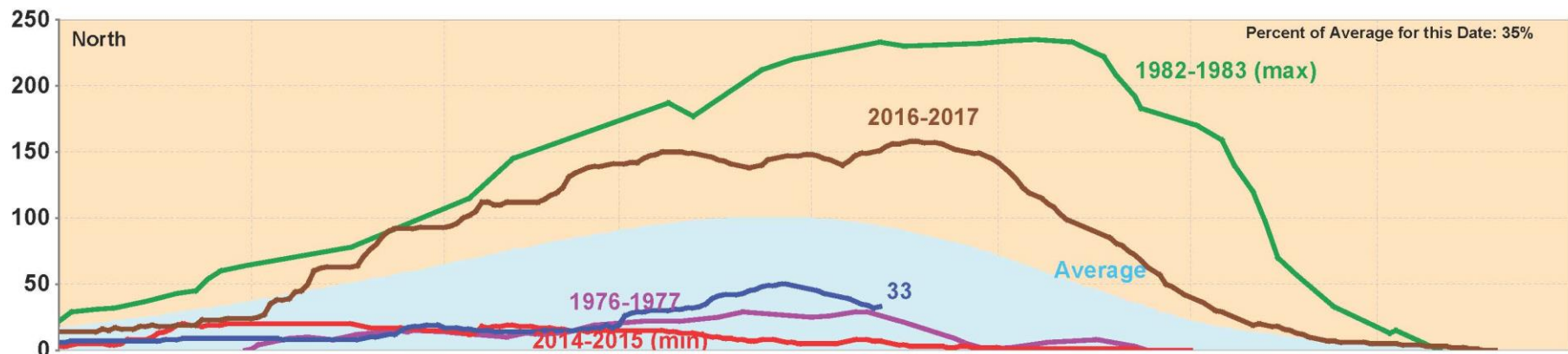
Precipitation Index for Water Year 2018 - Updated on April 13, 2018 12:45 PM

Note: Monthly totals may not add up to seasonal total because of rounding

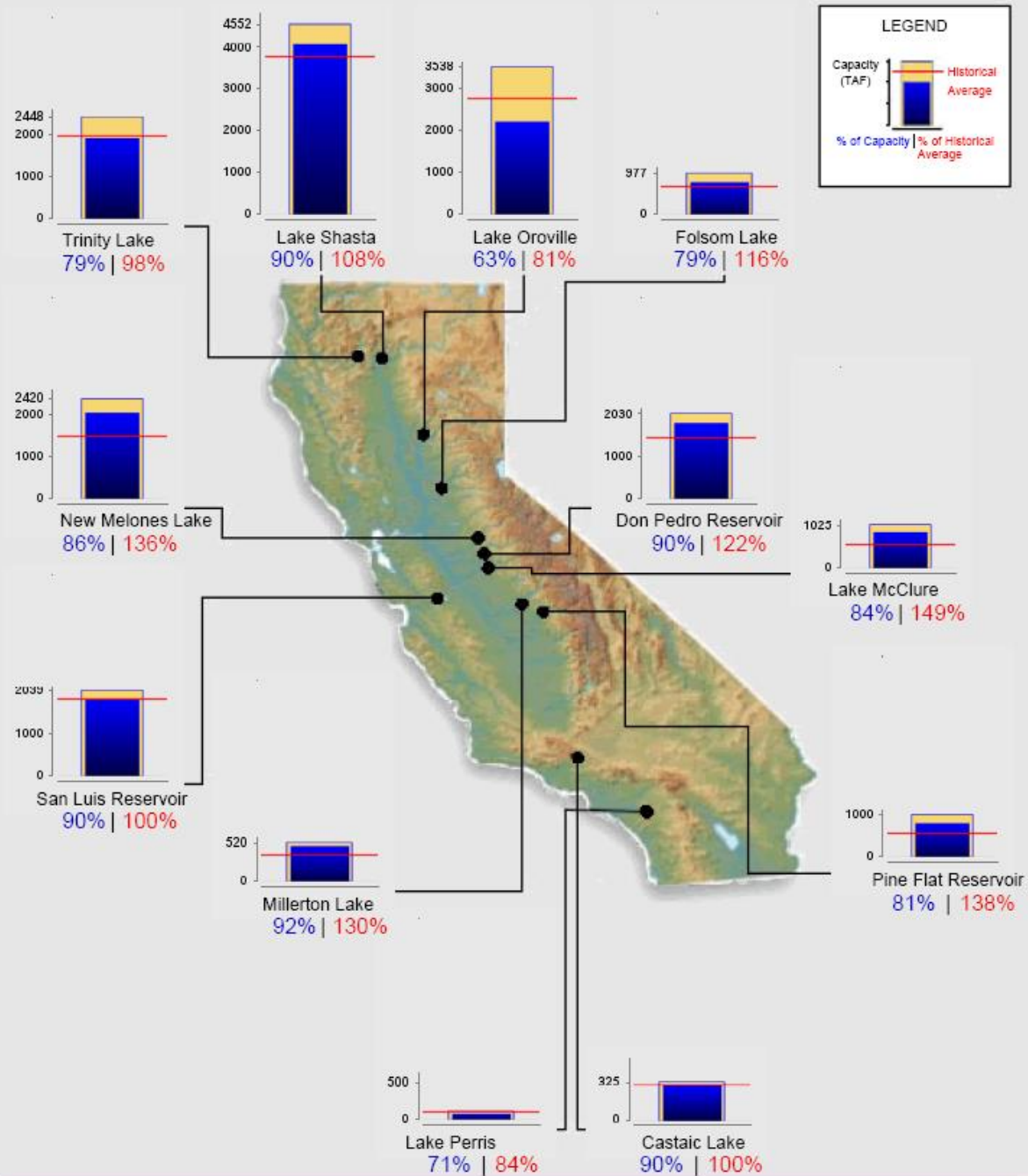
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



California Snow Water Content, April 12, 2018, Percent of April 1 Average



CURRENT RESERVOIR CONDITIONS



Other Reservoirs

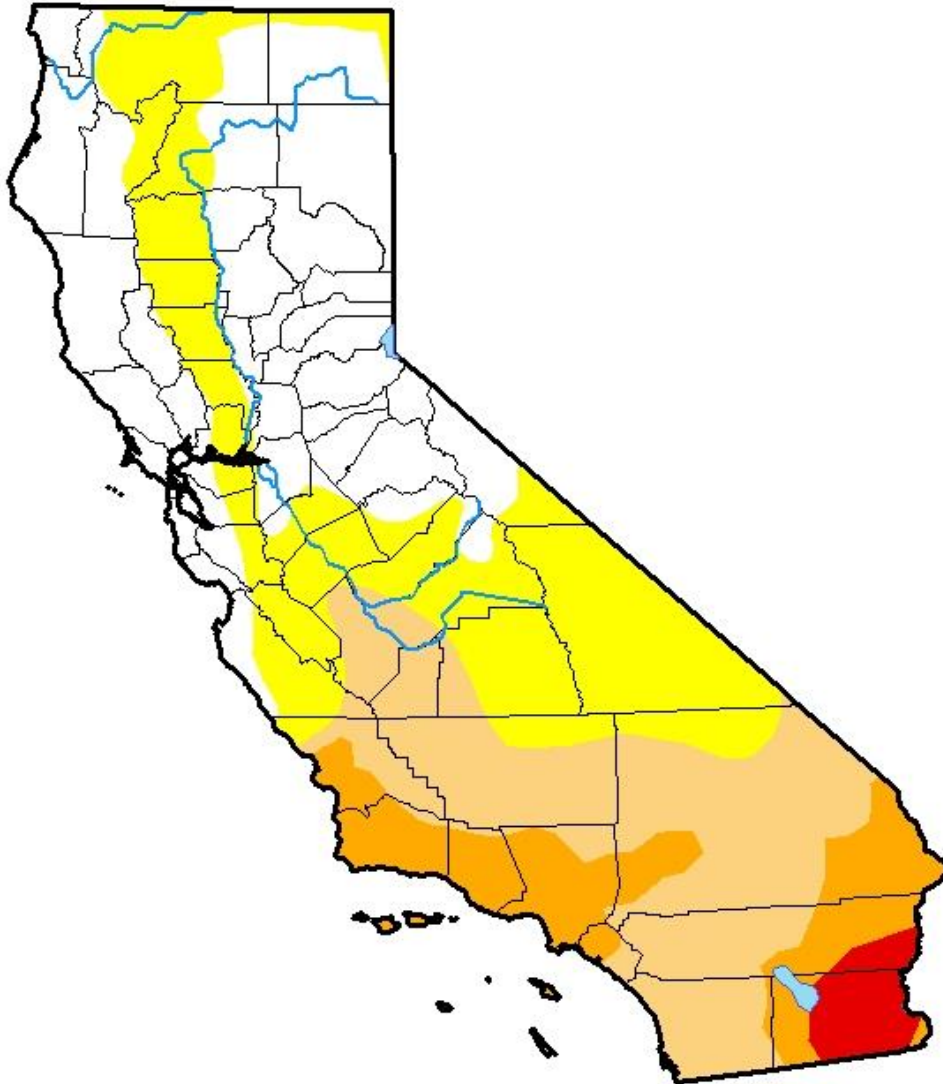
- **Cachuma Reservoir:** 77,783 acre-feet out of 205,000 acre-foot capacity (38% of capacity and 45% of average)
 - Dec 2016: 8% of capacity
 - Jan 2017: 12%
 - Feb 2017: 44%
 - March 2017: 47%
 - April 2017: 48%
 - May 2017: 48%
 - June 2017: 47%

Other Reservoirs

- **Diamond Valley Lake:** 723,314 acre-feet out of 810,000 acre-foot capacity (89% of capacity)
- **San Luis Reservoir:** 1,840,009 acre-feet out of 2,041,000 acre-feet capacity (90% of capacity and 103% of average)

U.S. Drought Monitor California

April 10, 2018
(Released Thursday, Apr. 12, 2018)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	33.85	66.15	37.10	13.77	2.50	0.00
Last Week <i>04-03-2018</i>	22.99	77.01	40.90	12.72	2.50	0.00
3 Months Ago <i>01-09-2018</i>	53.58	46.42	12.69	0.00	0.00	0.00
Start of Calendar Year <i>01-02-2018</i>	55.70	44.30	12.69	0.00	0.00	0.00
Start of Water Year <i>09-26-2017</i>	77.88	22.12	8.24	0.00	0.00	0.00
One Year Ago <i>04-11-2017</i>	76.54	23.46	8.24	1.06	0.00	0.00

Intensity:



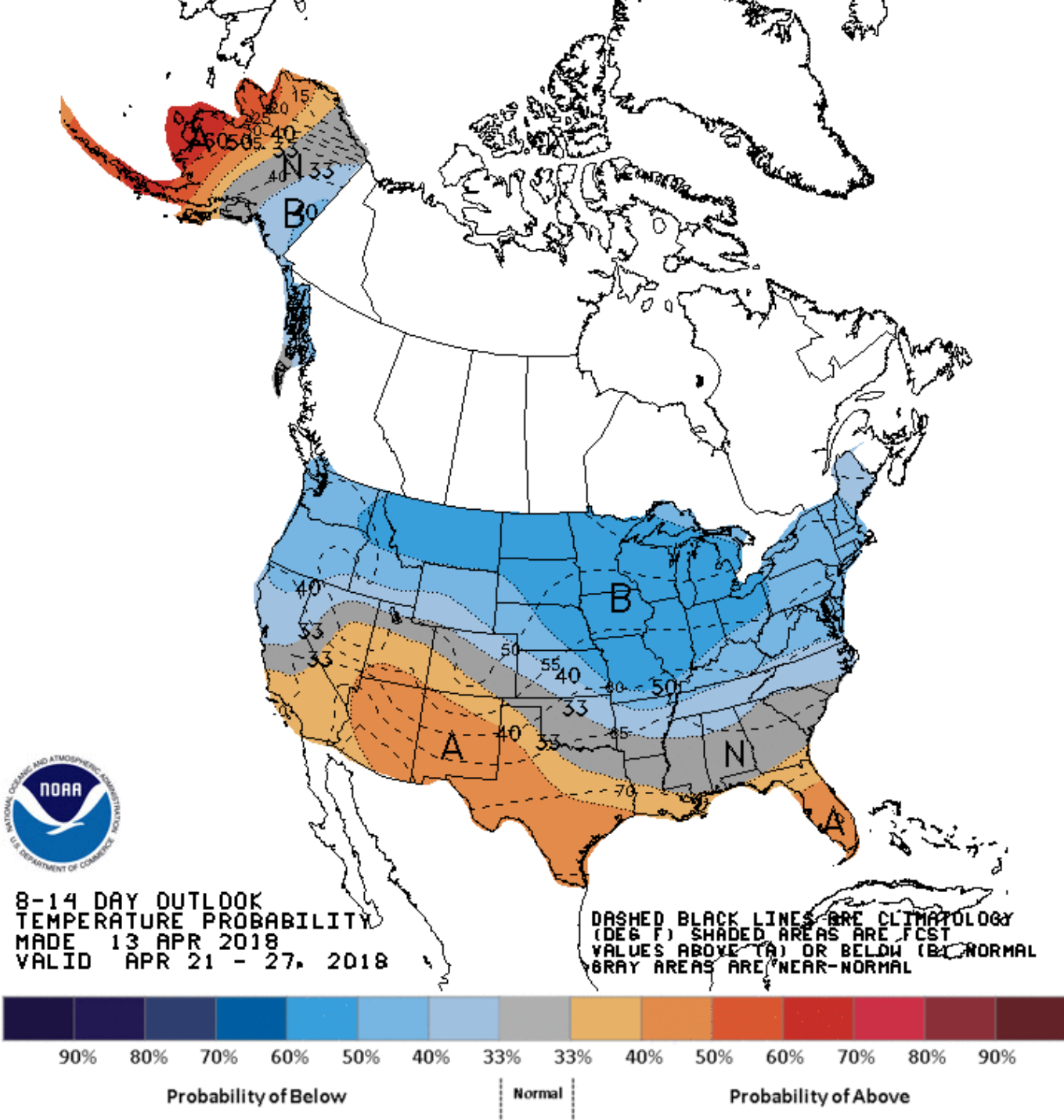
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

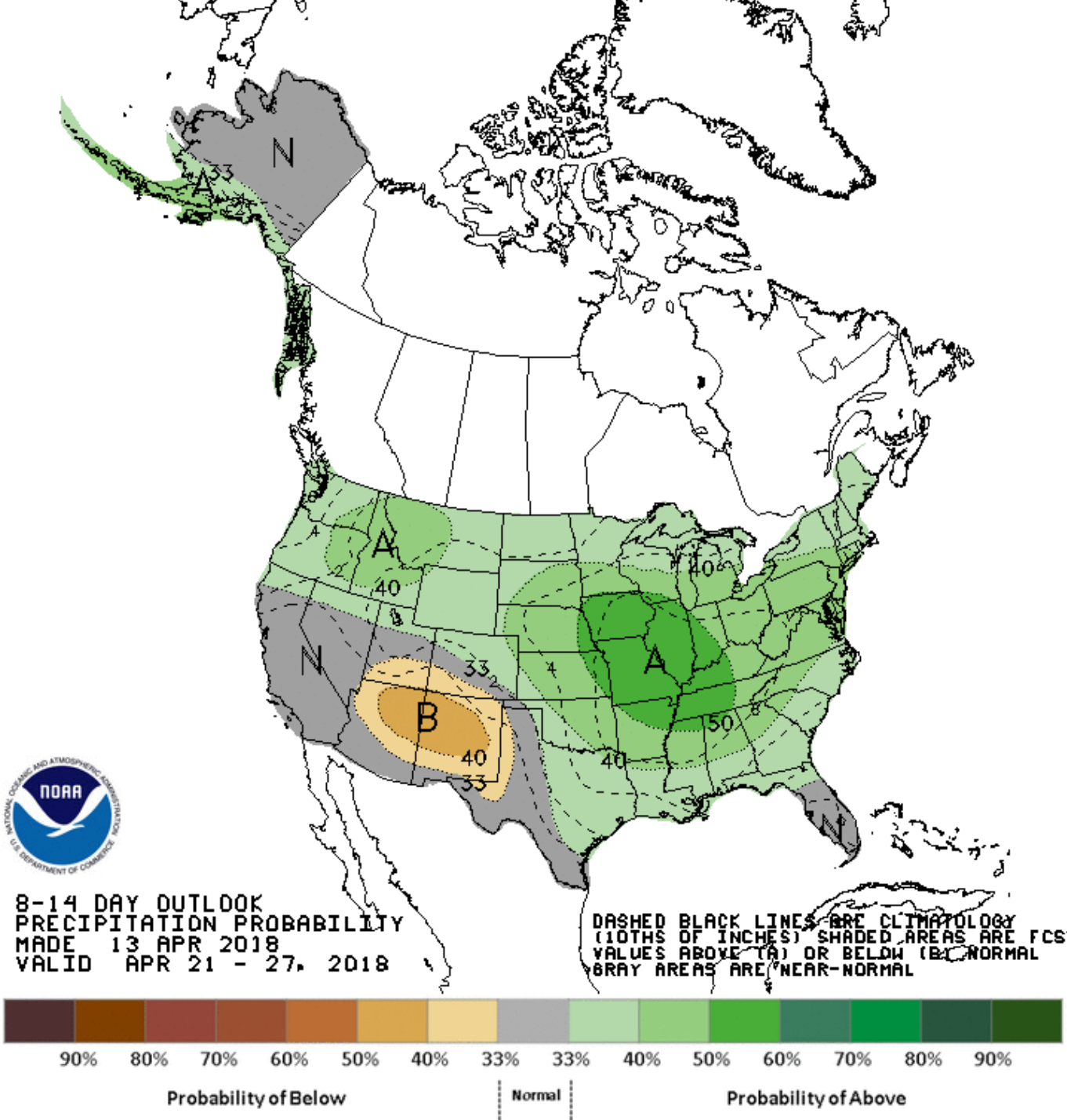
Author:

David Miskus
NOAA/NWS/NCEP/CPC



<http://droughtmonitor.unl.edu/>







Questions?

Extra Slides

The slide features a light blue background with three thick, wavy, light blue lines that sweep across the bottom half of the frame. The lines are smooth and fluid, creating a sense of movement. The text 'Extra Slides' is centered in the upper half of the slide, rendered in a bold, dark blue, sans-serif font.

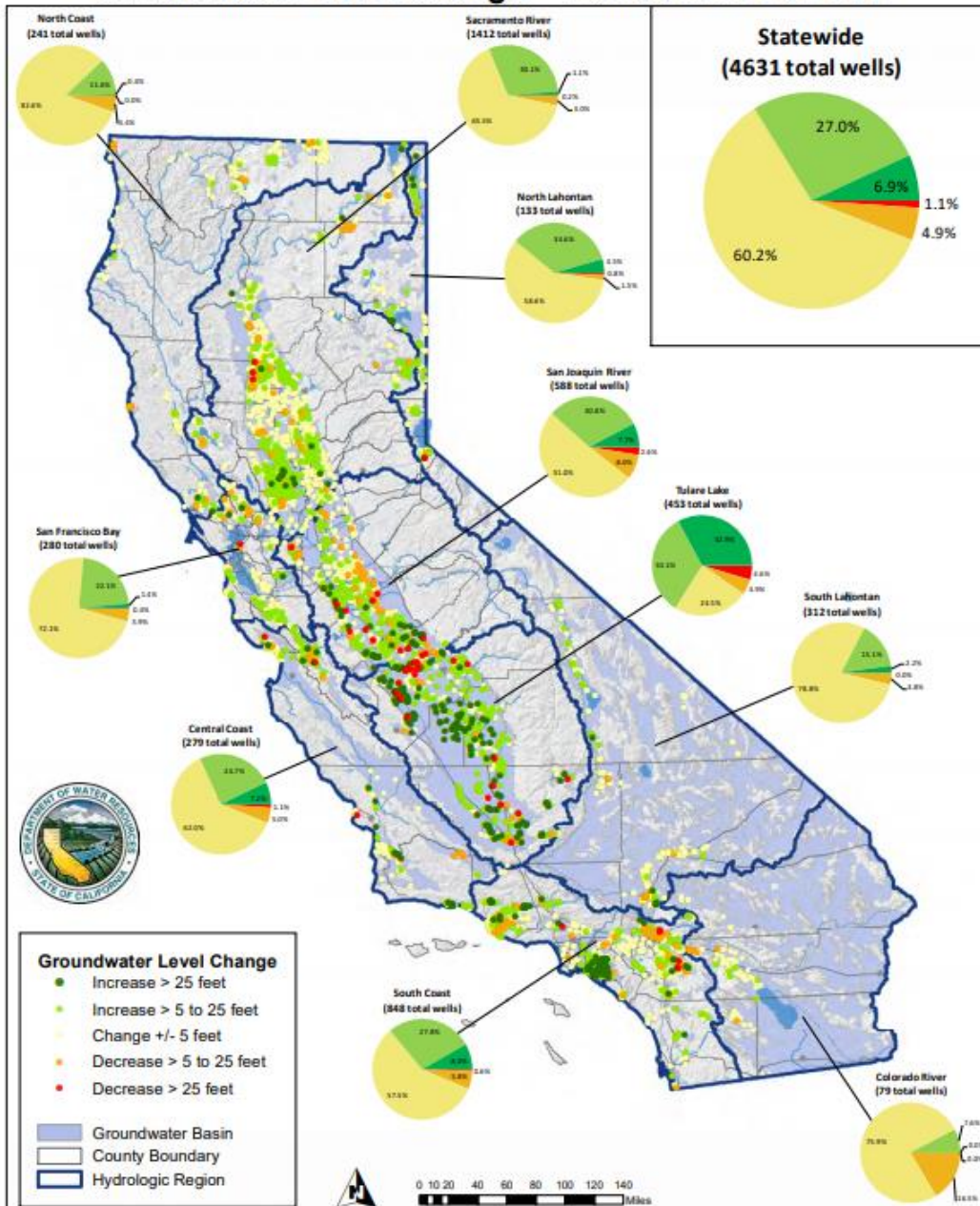
El Niño/La Niña

As of April 12, 2018, the National Oceanic and Atmospheric Administration (NOAA) predicts conditions are likely to be ENSO-neutral through summer. La Niña is barely hanging on, which means its influence on seasonal climate impacts in the U.S. is weakening.

Groundwater

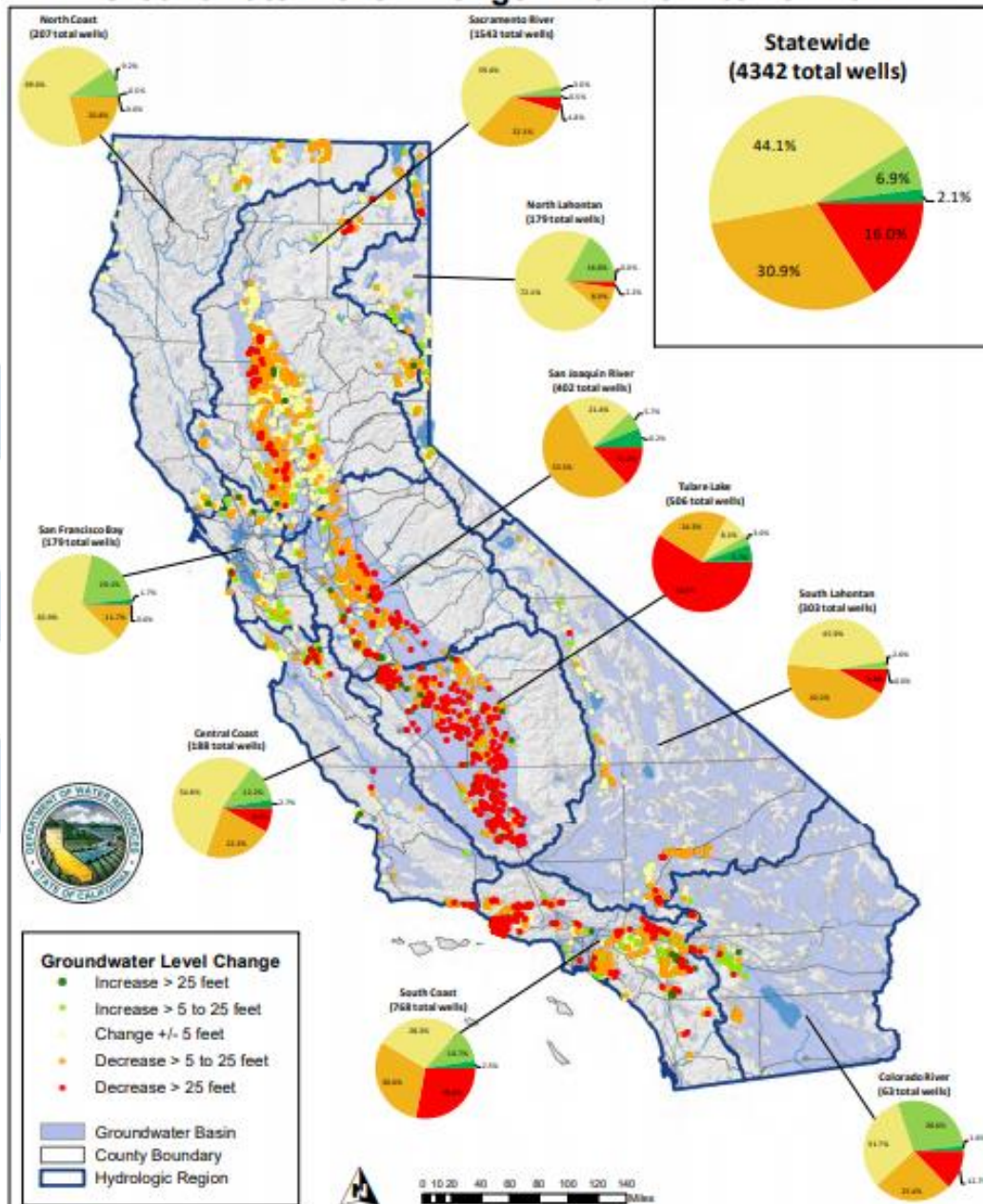
- DWR has updated groundwater data with information from Fall 2017

Groundwater Level Change* - Fall 2016 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1716_25ft
Updated: 2/26/2018. Data subject to change without notice.

Groundwater Level Change* - Fall 2011 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1711_25ft
Updated: 2/26/2018. Data subject to change without notice.